

Converting Colors

XYZ(32.2953, 27.4420, 36.3235)

Have a look what the booklet for
XYZ(32.2953, 27.4420, 36.3235)
contains.

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Color

**XYZ(32.3373, 27.4065,
36.3865)**

Conversions

Conversions Part 1

Format	Color
Hex	B2809F
RGB	178, 128, 159
RGB Percent	70%, 50%, 62%
CMY	0.3020, 0.4980, 0.3765
CMYK	0.00, 0.28, 0.11, 0.30
HSL	323°, 25%, 60%
HSV	323°, 28%, 70%
XYZ	32.3373, 27.4065, 36.3865
YIQ	146.4840, 19.8490, 20.2410

Conversions

Conversions Part 2

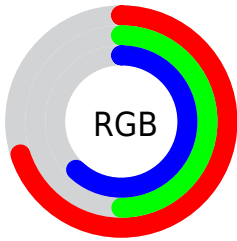
Format	Color
R_{YB}	178, 128, 159
Decimal	11698335
CIE _{Lab}	59.35, 24.27, -8.88
CIE _{LCh}	59, 25.847, 339.911
Yxy	27.4065, 0.3364, 0.2851
Android (android.graphics.Color)	4289888415 (0xFFB2809F)
YUV	146.4840, 6.1704, 27.6395
Hunter-Lab	52.3512, 18.6447, -4.5634

Details

The XYZ color **32.3373, 27.4065, 36.3865** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.0901, 38.5374, 33.4581**, and the grayscale version is **27.4907, 28.9224, 31.4965**.

A 20% lighter version of the original color is **62.5932, 55.3952, 71.0117**, and **13.8886, 10.8915, 15.5576** is the 20% darker color. If you saturate the color by 10%, you get **29.6452, 22.9358, 32.6719**, and if you desaturate by 10%, it is **35.4705, 32.7071, 40.4072**.

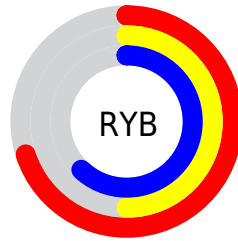
Distribution



Red (70%)

Green (50%)

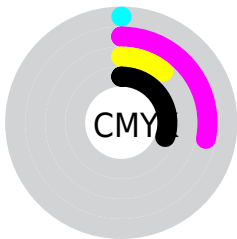
Blue (62%)



Red (70%)

Yellow (50%)

Blue (62%)

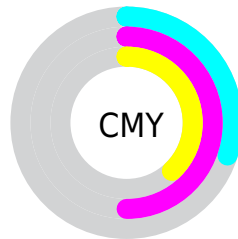


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (30%)



Cyan (30%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3373, 27.4065, 36.3865 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.3373, 27.4065, 36.3865 by changing the saturation by 10% instead.

■ 32.3373, 27.4065,
36.3865

■ 32.3373, 27.4065,
36.3865

304.3710,
289.6200, 345.7351

■ 21.7761, 17.8788,
24.4408

■ 62.7011, 55.5355,
70.8040

■ 13.8081, 10.8630,
15.4457

■ 83.2344, 74.9055,
94.1128

■ 8.0681, 5.9748,
8.9827

■ 107.8225, 98.3251,
122.0464

■ 4.1908, 2.8297,
4.6332

136.8306,
126.1786, 155.0233

■ 1.8106, 1.0435,
1.9788

170.6241,
158.8504, 193.4621

■ 0.5240, 0.0000,
0.5422

209.5685,

■ 0.0000, 0.0000,

196.7250, 237.7813

0.0000

254.0290,
240.1867, 288.3995

■ 32.3373, 27.4065,
36.3865

■ 32.3373, 27.4065,
36.3865

■ 29.6452, 22.9358,
32.6719

■ 35.4705, 32.7071,
40.4072

■ 27.3699, 19.2485,
29.2520

■ 39.0625, 38.8736,
44.7416

■ 25.4884, 16.2992,
26.1168

■ 43.1330, 45.9441,
49.3988

■ 23.9747, 14.0364,
23.2549

■ 47.7000, 53.9538,
54.3873

■ 22.7990, 12.4016,
20.6539

■ 52.7803, 62.9355,
59.7148

■ 21.9269, 11.3268,
18.2993

■ 58.3900, 72.9209,
65.3891

■ 21.3024, 10.7010,
16.1697

■ 64.5444, 83.9398,
71.4174

■ 21.1942, 10.5986,
15.7823

■ 66.1454, 85.7951,
76.1026

■ 67.0229, 86.1461,
80.7233

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.2465, 27.4065, 45.6941



32.3373, 27.4065, 36.3865



32.6683, 27.4065, 26.8792

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.3373, 27.4065, 36.3865



24.9932, 27.4065, 15.5096



21.5639, 27.4065, 42.7895

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.3373, 27.4065, 36.3865



30.0901, 38.5374, 33.4581

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.3904, 27.4065, 33.0128



32.3373, 27.4065, 36.3865



22.2591, 27.4065, 18.1579

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.3373, 27.4065, 36.3865



28.2442, 27.4065, 16.0443



20.6339, 27.4065, 24.1317



23.9707, 27.4065, 49.8890

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.3373, 27.4065, 36.3865



31.8203, 27.4065, 21.8114



20.6339, 27.4065, 24.1317



21.0216, 27.4065, 39.6330

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.3381, 27.4077, 36.3871



70.8016, 70.4335, 81.0941



27.6696, 24.7957, 45.4477



15.4581, 15.2111, 17.6976



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.3381, 27.4077, 36.3871



55.3798, 44.2642, 61.5437



30.4300, 26.6445, 26.3392



8.7104, 8.5909, 9.9733



15.1959, 7.5959, 11.4574



0.5054, 0.2499, 0.5044

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.3381, 27.4077, 36.3871



55.3798, 44.2642, 61.5437



32.2059, 39.3838, 44.6000



8.7104, 8.5909, 9.9733



15.1959, 7.5959, 11.4574



0.5054, 0.2499, 0.5044

Previews

White Background



This preview shows how the XYZ color 32.3373, 27.4065, 36.3865 looks on a white background.

Color Contrast Check

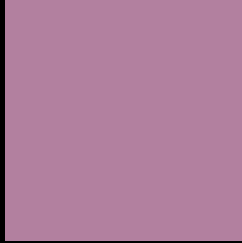
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.3373, 27.4065, 36.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

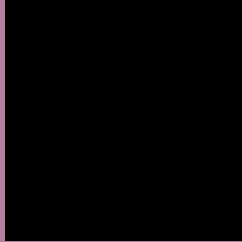
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3373, 27.4065, 36.3865

Background



This preview shows how black text looks on a background with the XYZ color 32.3373, 27.4065, 36.3865.



This preview shows how white text looks on a background with the XYZ color 32.3373, 27.4065,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.3373, 27.4065, 36.3865

Protanopia

27.2221, 27.5764, 40.9338

Deuteranopia

28.0809, 27.4789, 35.7222



Tritanopia

30.8285, 27.3858, 28.8604

Trichromacy



Original Color

32.3373, 27.4065, 36.3865

Protanomaly

28.8741, 27.3802, 39.3604

Deuteranomaly

29.5335, 27.3736, 36.0748

Tritanomaly

31.4594, 27.4505, 31.6574

Monochromacy



Original Color

32.3373, 27.4065, 36.3865

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.9191, 27.9687, 33.1525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3373, 27.4065, 36.3865 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 128, 159)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 159)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 128, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.3373, 27.4065, 36.3865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 128, 159) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(178, 128, 159) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(178, 128, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 159);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3373, 27.4065, 36.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 159) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178,  
128, 159) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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